

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/29117

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04B 1/38; H04B 7/185

US CL : 370/315, 317

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 370/315, 317; 375/133; 455/561

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Microsoft Press Computer DictionaryElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,215,982 B1 (TROMPOWER) 10 April 2001 (10.04.2001), column 2, lines 41-65, column 9, lines 31-48, column 10, line 10-column 11, line 51	1-33
Y	US 6,128,512 A (TROMPOWER et al.) 03 October 2000 (03.10.2000), abstract, column 31, line 58-column 32, line 28	1-33
A	US 5,875,179 A (TIKALSKY) 23 February 1999 (23.02.1999), abstract, column 3, line 55-column 4, line 33	1-33
A	US 2002/0136268 A1 (GAN et al.) 26 September 2002 (26.09.2002), abstract, page 2, paragraphs 18-19, pages 3-4, paragraphs 56-58	1-33
A	US 6,404,775 B1 (LESLIE et al.) 11 June 2002 (11.06.2002), abstract, column 7, line 51-column 8, line 39	1-33

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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document member of the same patent family

Date of the actual completion of the international search

02 February 2004 (02.02.2004)

Date of mailing of the international search report

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
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13 FEB 2004

INTERNATIONAL SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 3:

BRS, Google, IEEE Online

search terms: repeater, wireless base station, different frequency, different channel